	Search Terms
1	CONSUMER
2	CONSUMERS
3	DIAGNOSE
4	DIAGNOSES
5	DIAGNOSIS
6	DIAGNOSTIC
7	DIAGNOSTICS
8	ELECTRONIC
9	ELECTRONICS
10	ETHERNET
11	ETHERNETS
12	GATEWAY
13	GATEWAYS
14	HAVI
15	HAVIS
16	HOME
17	HOMES
18	HOST
19	HOSTS
20	HOUSE
21	HOUSES
22	INTERNET
23	INTERNETS
24	NETWORK
25	NETWORKS
26	SERVER
27	SERVERS

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
1	94816							
2	33828							
3	64243							
4	8076							
5	113080							
6	139695							
7	35338							
8	991156							
9	473715							
10	16707							
11	212							
12	17410							
13	4361							
14	231							
15	43							
16	185412							
17	37312							
18	231025							
19	25835							
20	171372							
21	99021							
22	80994							
23	324							
24	526910							
25	132554							
26	102431							
27	26808							

	Search Terms
28	TEST
29	TESTED
30	TESTING
31	TESTINGS
32	TESTS
33	(((((((HAVI OR ETHERNET) AND (GATEWAY) AND (CONSUMER SAME (ELECTRONIC OR ELECTRONICS)))) AND (HOUSE OR HOME)) AND (SERVER OR HOST)) AND (INTERNET OR NETWORK)) AND (DIAGNOSE OR DIAGNOSIS OR DIAGNOSTIC OR TESTED OR TESTING OR TEST))

	Total	USPAT	US-PGPUB	EPO	JPO	Derwent	IBM TDB	USOCR
28	901202							
29	395588							
30	425807							
31	823							
32	334789							
33	79							

	U	1	Document ID	Issue Date	Pages	Title	Current OR
1	☐	☐	US 20020082922 A1	20020627	22	System and method for providing access to electronic works	705/14
2	☒	☐	US 20020072970 A1	20020613		Method and apparatus for linking consumer product interest with product suppliers	705/14
3	☒	☐	US 20020062252 A1	20020523		System and method for providing access to electronic works	705/14
4	☒	☐	US 20020055924 A1	20020509		System and method providing a spatial location context	707/100
5	☒	☐	US 20020048369 A1	20020425		Systems and methods for secure transaction management and electronic rights protection	380/277
6	☒	☐	US 20020039359 A1	20020404		Hybrid fiber twisted pair local loop network service architecture	370/354
7	☒	☐	US 20020032780 A1	20020314	32	Systems and methods for uniquely and persistently identifying networks	709/228
8	☒	☐	US 20020032027 A1	20020314		Media spooler system and methodology providing efficient transmission of media content from wireless devices	455/426
9	☒	☐	US 20020019884 A1	20020214		Accessing legacy applications from the internet	709/310

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1	705/51		Van Zoest, Alexander T. et al.	☒	☐	☐	☐	☐	☐	☐
2			Miller, Michael et al.	☐	☐	☐	☐	☐	☐	☐
3			Van Zoest, Alexander T. et al.	☐	☐	☐	☐	☐	☐	☐
4			Liming, Richard	☐	☐	☐	☐	☐	☐	☐
5	380/246; 713/151; 713/194		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
6	370/420; 370/463; 370/487		Gerszberg, Irwin et al.	☐	☐	☐	☐	☐	☐	☐
7	709/250		Moore, Timothy M. et al.	☐	☐	☐	☐	☐	☐	☐
8	455/566		Kirani, Shekhar et al.	☐	☐	☐	☐	☐	☐	☐
9	709/203		Gungabeesoon, Satish	☐	☐	☐	☐	☐	☐	☐

Image Doc. Displayed	PT
1	US 20020082922	☐
2		☐
3		☐
4		☐
5		☐
6		☐
7	US 20020032780	☐
8		☐
9		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
10	☒	☐	US 20020016639 A1	20020207		Method and apparatus for improved building automation	700/9
11	☒	☐	US 20020010623 A1	20020124		SYSTEM AND METHOD FOR PUBLISHING, DISTRIBUTING AND REDEEMING COUPONS ON A NETWORK	705/14
12	☒	☐	US 20020007422 A1	20020117		Providing equipment access to supply chain members	709/246
13	☒	☐	US 20020004744 A1	20020110		Micro-target for broadband content	705/14
14	☒	☐	US 20020002488 A1	20020103		Locally driven advertising system	705/14
15	☒	☐	US 20010056546 A1	20011227		Message content protection and conditional disclosure	713/200
16	☒	☐	US 20010056405 A1	20011227		Behavior tracking and user profiling system	705/52
17	☒	☐	US 20010053274 A1	20011220		System and method for remote control of consumer electronics over data network with visual feedback	386/46

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
10	700/17; 700/19; 700/276		Smith, Marjorie L. et al.	☐	☐	☐	☐	☐	☐	☐
11	705/26; 709/203		MCCOLLOM, WILLIAM GIRARD et al.	☐	☐	☐	☐	☐	☐	☐
12			Bennett, Keith E.	☐	☐	☐	☐	☐	☐	☐
13			Muyres, Matthew R. et al.	☐	☐	☐	☐	☐	☐	☐
14			Muyres, Matthew R. et al.	☐	☐	☐	☐	☐	☐	☐
15	707/9; 713/193		Ogilvie, John W.L.	☐	☐	☐	☐	☐	☐	☐
16			Muyres, Matthew R. et al.	☐	☐	☐	☐	☐	☐	☐
17	386/83; 725/37		Roelofs, Gregory Robert et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
10		☐
11		☐
12		☐
13		☐
14		☐
15		☐
16		☐
17		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
18	☒	☐	US 20010047407 A1	20011129		Systems and methods for determining the physical location of a computer's network interfaces	709/223
19	☒	☐	US 20010042016 A1	20011115		Local portal	705/14
20	☒	☐	US 20010034754 A1	20011025		Device, system and method for providing web browser access and control of devices on customer premise gateways	709/201
21	☒	☐	US 20010030664 A1	20011018		Method and apparatus for configuring icon interactivity	345/835
22	☒	☐	US 20010013459 A1	20010816		High speed manufacturing system	198/339.1
23	☒	☐	US 20010010046 A1	20010726		Client content management and distribution system	705/52
24	☒	☐	US 6389402 B1	20020514		Systems and methods for secure transaction management and electronic rights protection	705/51

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
18	709/220		Moore, Timothy M. et al.	☐	☐	☐	☐	☐	☐	☐
19			Muyres, Matthew R. et al.	☐	☐	☐	☐	☐	☐	☐
20			Elwahab, Amgad Mazen et al.	☐	☐	☐	☐	☐	☐	☐
21	345/810		Shulman, Leo A. et al.	☐	☐	☐	☐	☐	☐	☐
22	198/606; 198/611; 198/803.14		Pattantyus-Abraham, Imre A. et al.	☐	☐	☐	☐	☐	☐	☐
23			Muyres, Matthew R. et al.	☐	☐	☐	☐	☐	☐	☐
24	380/201; 705/1; 705/37; 705/53; 705/57; 705/80		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
18		☐
19		☐
20		☐
21		☐
22		☐
23		☐
24		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
25	☒	☐	US 6363488 B1	20020326		Systems and methods for secure transaction management and electronic rights protection	713/201
26	☒	☐	US 6359881 B1	20020319		Hybrid fiber twisted pair local loop network service architecture	370/354
27	☒	☐	US 6345239 B1	20020205		Remote demonstration of business capabilities in an e-commerce environment	703/6
28	☒	☐	US 6339832 B1	20020115		Exception response table in environment services patterns	714/35
29	☒	☐	US 6332163 B1	20011218		Method for providing communication services over a computer network system	709/231
30	☒	☐	US 6325198 B1	20011204		High speed manufacturing system	198/339.1
31	☒	☐	US 6324650 B1	20011127		Message content protection and conditional disclosure	713/202

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
25	705/14; 705/53		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
26	370/403; 370/543		Gerszberg, Irwin et al.	☐	☐	☐	☐	☐	☐	☐
27	705/26; 705/39		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
28	710/266; 710/48; 714/50		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
29	709/217; 709/223; 709/227; 709/329		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
30	198/440; 198/575; 198/576; 198/577; 198/578; 198/579; 198/594; 198/794		Pattantyus-Abraham, Imre A. et al.	☐	☐	☐	☐	☐	☐	☐
31			Ogilvie, John W.L.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
25		☐
26		☐
27		☐
28		☐
29		☐
30		☐
31		☐

U	1	Document ID	Issue Date	Pages	Title	Current OR
32	⊠	☐	US 6289382 B1	20010911		System, method and article of manufacture for a globally addressable interface in a communication services patterns environment	709/226
33	⊠	☐	US 6286039 B1	20010904		Automatic static to dynamic IP address and DNS address management for remote communications network access	709/221
34	⊠	☐	US 6253193 B1	20010626		Systems and methods for the secure transaction management and electronic rights protection	705/57
35	⊠	☐	US 6246688 B1	20010612		Method and system for using a cellular phone as a network gateway in an automotive network	370/401
36	⊠	☐	US 6237786 B1	20010529		Systems and methods for secure transaction management and electronic rights protection	213/153
37	⊠	☐	US 6233566 B1	20010515		System, method and computer program product for online financial products trading	705/37

Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
32		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
33	709/219; 709/220; 709/222; 709/227; 709/228; 710/8	Van Horne, Peter et al.	☐	☐	☐	☐	☐	☐	☐
34	705/52	Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
35	370/392; 370/466	Angwin, Alastair John et al.	☐	☐	☐	☐	☐	☐	☐
36	380/203; 705/51; 705/58	Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
37	705/36; 705/38	Levine, David A. et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
32		☐
33		☐
34		☐
35		☐
36		☐
37		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
38	☒	☐	US 6195697 B1	20010227		System, method and article of manufacture for providing a customer interface in a hybrid network	709/224
39	☒	☐	US 6192282 B1	20010220		Method and apparatus for improved building automation	700/19
40	☒	☐	US 6173311 B1	20010109		Apparatus, method and article of manufacture for servicing client requests on a network	709/202
41	☒	☐	US 6167253 A	20001226		Mobile data/message/electronic mail download system utilizing network-centric protocol such as Java	455/412
42	☒	☐	US 6147975 A	20001114		System, method and article of manufacture of a proactive threshold manager in a hybrid communication system architecture	370/252

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
38	370/252; 379/115.01; 707/10		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
39	340/825.52; 340/825.69; 340/825.72; 700/17; 700/20; 700/286; 700/287		Smith, Marjorie L. et al.	☐	☐	☐	☐	☐	☐	☐
40	709/105; 709/217		Hassett, Gregory P. et al.	☐	☐	☐	☐	☐	☐	☐
41	455/413; 455/414		Farris, Robert D. et al.	☐	☐	☐	☐	☐	☐	☐
42	370/232		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
38		☐
39		☐
40		☐
41		☐
42		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
43	☒	☐	US 6137839 A	20001024		Variable scaling of 16-bit fixed point fast fourier forward and inverse transforms to improve precision for implementation of 375/260 discrete multitone for asymmetric digital subscriber loops	
44	☒	☐	US 6125388 A	20000926		System for transporting information objects between a user station and multiple remote sources based upon user modifiable object manifest stored in the user station	709/218
45	☒	☐	US 6101499 A	20000808		Method and computer program product for automatically generating an internet protocol (IP) address	707/10

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
43	370/210		Mannering, Dennis G. et al.	☐	☐	☐	☐	☐	☐	☐
44	707/1; 707/10; 707/100; 707/103R; 707/104.1; 709/200; 709/201; 709/203; 709/217; 709/219; 709/250; 709/310; 709/315; 712/28		Reisman, Richard R.	☐	☐	☐	☐	☐	☐	☐
45	707/2		Ford, Peter S. et al.	☐	☐	☐	☐	☐	☐	☐

PT	Image Doc. Displayed
☐	43
☐	44
☐	45

	U	1	Document ID	Issue Date	Pages	Title	Current OR
46	☒	☐	US 6081533 A	20000627		Method and apparatus for an application interface module in a subscriber terminal unit	370/421
47	☒	☐	US 6081518 A	20000627		System, method and article of manufacture for cross-location registration in a communication system architecture	370/352
48	☒	☐	US 6081291 A	20000627		Methods and systems for multimedia communication via public telephone networks	348/14.11
49	☒	☐	US 6055268 A	20000425		Multimode digital modem	375/229
50	☒	☐	US 6044403 A	20000328		Network server platform for internet, JAVA server and video application server	709/225
51	☒	☐	US 6044107 A	20000328		Method for interoperability of a T1E1.4 compliant ADSL modem and a simpler modem	375/222
52	☒	☐	US 6038251 A	20000314		Direct equalization method	375/222
53	☒	☐	US 6021167 A	20000201		Fast equalizer training and frame synchronization algorithms for discrete multi-tone (DMT) system	375/354
54	☒	☐	US 6021158 A	20000201		Hybrid wireless wire-line network integration and management	375/211

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
46	370/395.53; 370/395.64; 370/466; 370/486; 725/132		Laubach, Mark et al.	☐	☐	☐	☐	☐	☐	☐
47	370/401		Bowman-Amuah, Michel K.	☐	☐	☐	☐	☐	☐	☐
48	379/93.14		Ludwig, Jr., Lester Frank	☐	☐	☐	☐	☐	☐	☐
49	375/231		Timm, William C. et al.	☐	☐	☐	☐	☐	☐	☐
50	709/217; 709/223; 709/238		Gerszberg, Irwin et al.	☐	☐	☐	☐	☐	☐	☐
51			Gatherer, Alan et al.	☐	☐	☐	☐	☐	☐	☐
52	375/229; 375/231		Chen, Walter Y.	☐	☐	☐	☐	☐	☐	☐
53	375/222		Wu, Song	☐	☐	☐	☐	☐	☐	☐
54	375/220		Schurr, Paul E. et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
46		☐
47		☐
48		☐
49		☐
50		☐
51		☐
52		☐
53		☐
54		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
55	☒	☐	US 6002722 A	19991214		Multimode digital modem	375/295
56	☒	☐	US 5999563 A	19991207		Rate negotiation for variable-rate digital subscriber line signaling	375/222
57	☒	☐	US 5987061 A	19991116		Modem initialization process for line code and rate selection in DSL data communication	375/222
58	☒	☐	US 5982891 A	19991109		Systems and methods for secure transaction management and electronic rights protection	705/54
59	☒	☐	US 5978855 A	19991102		Downloading applications software through a broadcast channel	709/249
60	☒	☐	US 5970088 A	19991019		Reverse channel next cancellation for MDSL modem pool	375/222
61	☒	☐	US 5949876 A	19990907		Systems and methods for secure transaction management and electronic rights protection	705/80
62	☒	☐	US 5917912 A	19990629		System and methods for secure transaction management and electronic rights protection	713/187

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
55	375/222; 375/357		Wu, Song	☐	☐	☐	☐	☐	☐	☐
56	370/229; 370/484; 370/494; 375/219		Polley, Michael O. et al.	☐	☐	☐	☐	☐	☐	☐
57			Chen, Walter Y.	☐	☐	☐	☐	☐	☐	☐
58	705/26; 713/167		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
59			Metz, Erik Christopher et al.	☐	☐	☐	☐	☐	☐	☐
60	370/201; 375/346; 379/417		Chen, Walter Y.	☐	☐	☐	☐	☐	☐	☐
61	705/1; 705/39; 705/54		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
62	705/40; 709/312; 713/164		Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
55		☐
56		☐
57		☐
58		☐
59		☐
60		☐
61		☐
62		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
63	☒	☐	US 5915019 A	19990622		Systems and methods for secure transaction management and electronic rights protection	705/54
64	☒	☐	US 5910987 A	19990608		Systems and methods for secure transaction management and electronic rights protection	705/52
65	☒	☐	US 5910970 A	19990608		MDSL host interface requirement specification	375/377
66	☒	☐	US 5892900 A	19990406		Systems and methods for secure transaction management and electronic rights protection	713/200
67	☒	☐	US 5844888 A	19981201		Network and intelligent cell for providing sensing, bidirectional communications and control	370/255
68	☒	☐	US 5838812 A	19981117		Tokenless biometric transaction authorization system	382/115
69	☒	☐	US 5805719 A	19980908		Tokenless identification of individuals	382/115
70	☒	☐	US 5768539 A	19980616		Downloading applications software through a broadcast channel	709/249

Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
63	705/26; 705/400; 713/200	Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
64	705/30	Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
65	375/222; 379/93.01; 709/200	Lu, Xiaolin	☐	☐	☐	☐	☐	☐	☐
66	713/201	Ginter, Karl L. et al.	☐	☐	☐	☐	☐	☐	☐
67	370/390; 370/400	Markkula, Jr., Armas C. et al.	☐	☐	☐	☐	☐	☐	☐
68	382/181	Pare, Jr., David Ferrin et al.	☐	☐	☐	☐	☐	☐	☐
69	382/224	Pare, Jr., David Ferrin et al.	☐	☐	☐	☐	☐	☐	☐
70	375/240.01; 725/132; 725/140	Metz, Erik Christopher et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
63		☐
64		☐
65		☐
66		☐
67		☐
68		☐
69		☐
70		☐

	u	1	Document ID	Issue Date	Pages	Title	Current OR
71	☒	☐	US 5751338 A	19980512		Methods and systems for multimedia communications via public telephone networks	348/14.12
72	☒	☐	US 5708961 A	19980113		Wireless on-premises video distribution using digital multiplexing	725/81
73	☒	☐	US 5694546 A	19971202		System for automatic unattended electronic information transport between a server and a client by a vendor provided transport software with a manifest list	705/26
74	☒	☐	US 5666293 A	19970909		Downloading operating system software through a broadcast channel	709/220
75	☒	☐	US 5613012 A	19970318		Tokenless identification system for authorization of electronic transactions and electronic transmissions	382/115

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
71	345/2.2; 345/733; 348/14.11; 370/260; 379/202.01; 379/93.14; 379/93.17; 709/204		Ludwig, Jr., Lester Frank	☐	☐	☐	☐	☐	☐	☐
72	725/118; 725/125; 725/85		Hylton, Denny L. et al.	☐	☐	☐	☐	☐	☐	☐
73	707/10; 709/217; 709/227		Reisman, Richard R.	☐	☐	☐	☐	☐	☐	☐
74	725/132; 725/138; 725/140; 725/152		Metz, Erik C. et al.	☐	☐	☐	☐	☐	☐	☐
75	235/380; 902/3		Hoffman, Ned et al.	☐	☐	☐	☐	☐	☐	☐

	Image Doc. Displayed	PT
71		☐
72		☐
73		☐
74		☐
75		☐

	U	1	Document ID	Issue Date	Pages	Title	Current OR
76	☒	☐	US 5256863 A	19931026		In-store universal control system	705/21
77	☒	☐	US 5086385 A	19920204		Expandable home automation system	700/83
78	☒	☐	US 5034882 A	19910723		Multiprocessor intelligent cell for a network which provides sensing, bidirectional communications and control	712/30
79	☒	☐	US 4918690 A	19900417		Network and intelligent cell for providing sensing, bidirectional communications and control	370/400

	Current XRef	Retrieval Classif	Inventor	S	C	P	2	3	4	5
76	705/14; 705/16; 705/17; 705/73; 705/75		Ferguson, William L. et al.	☐	☐	☐	☐	☐	☐	☐
77	340/825.37; 340/825.69; 340/825.72; 379/102.01; 704/270; 704/272; 704/274; 704/275		Launey, Reuel O. et al.	☐	☐	☐	☐	☐	☐	☐
78			Eisenhard, Bruce T. et al.	☐	☐	☐	☐	☐	☐	☐
79	340/825.52		Markkula, Jr., Armas C. et al.	☐	☐	☐	☐	☐	☐	☐

Image Doc. Displayed	PT
76	☐
77	☐
78	☐
79	☐